METHOD OF SENDING A PACKET THROUGH A NODE

Abstract

The method is for sending information through a node and includes providing a node that has a first access port, a second access port, a first uplink and a second uplink. A first packet is sent via the first access port to the node. When the node is in a leaf mode, the node creates a tag inside the first packet. The tag contains a first port number corresponding to the first access port. When the node is in a branch node, the node adds the first port number to the tag and sends the packet in the first uplink and the second uplink. A second packet, received via the second access port, is sent via the first uplink of the node. The node receives the second packet. The node removes a second port number that corresponds to the second access port from the tag. The node sends the second packet via the second access port to another node or customer lower down in the node tree.